

Title (en)
GEAR MOTOR

Title (de)
GETRIEBEMOTOR

Title (fr)
MOTEUR À ENGRENAGES

Publication
EP 4120519 A1 20230118 (EN)

Application
EP 21766940 A 20210312

Priority
• JP 2021010073 W 20210312
• JP 2020043720 A 20200313

Abstract (en)
A gear motor (1) includes a motor (20) and a speed reducer (30). The speed reducer (30) is a magnetic modulation gear. Accordingly, non-contact power transmission by magnetic force is possible, so that the speed reducer (30) does not require a lubricant and the structure can be simplified.

IPC 8 full level
H02K 7/10 (2006.01)

CPC (source: EP US)
H02K 7/003 (2013.01 - EP US); **H02K 7/11** (2013.01 - EP); **H02K 7/116** (2013.01 - US); **H02K 49/102** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2022376583 A1 20221124; CN 115191075 A 20221014; EP 4120519 A1 20230118; EP 4120519 A4 20230823;
JP WO2021182612 A1 20210916; WO 2021182612 A1 20210916

DOCDB simple family (application)
US 202217880370 A 20220803; CN 202180010671 A 20210312; EP 21766940 A 20210312; JP 2021010073 W 20210312;
JP 2022507304 A 20210312